

WHAT IS CLAIMED IS:

1 1. A display apparatus having a cathode ray tube bulb which includes a panel displaying a
2 picture thereon, a funnel combined with the panel, and a neck combined with the funnel, said
3 apparatus further comprising:

4 an electron gun unit including an electron gun main body inserted into the neck, and a boss
5 part protruding from the neck at a rear end part of the electron gun main body and having a plurality
6 of pins arranged thereon; and

7 a video unit including a video printed circuit board (PCB) disposed parallel to the axis of the
8 neck, and a boss holder vertically provided on the video PCB and connected to the boss part so as
9 to transmit a video signal from the video PCB to the electron gun unit.

1 2. The display apparatus according to claim 1, wherein the video PCB is horizontally
2 installed under the neck.

1 3. The display apparatus according to claim 1, wherein the boss holder has a plurality of
2 pinholes formed therein for receiving the plurality of pins of the electron gun unit.

1 4. The display apparatus according to claim 1, further comprising a neck fixing holder
2 provided on the video PCB for fastening the neck to the video PCB.

1 5. The display apparatus according to claim 4, wherein the neck fixing holder comprises a
2 pair of ring holders into which the neck is inserted.

1 6. The display apparatus according to claim 5, further comprising connecting means for
2 connecting the ring holders to each other when the neck is inserted into the ring holders.

1 7. A display apparatus, comprising:
2 an electron gun unit including a main body and a boss part protruding from a rear part of the
3 main body, said boss part having a plurality of pins disposed thereon and extending rearwardly
4 therefrom; and

5 a video unit including a video printed circuit board (PCB) and a boss holder vertically
6 disposed on the video PCB for connection to the boss part of the electron gun unit so as to transmit
7 a video signal from the video PCB to the electron gun unit.

1 8. The display apparatus according to claim 7, wherein the boss holder has a plurality of
2 pinholes formed therein for receiving the plurality of pins of the boss part.

1 9. The display apparatus according to claim 7, wherein the electron gun unit is inserted into
2 a neck of a cathode ray tube bulb, and the video PCB is horizontally installed under the neck of the

3 cathode ray tube bulb.

1 10. The display apparatus according to claim 9, further comprising a neck fixing holder
2 provided on the video PCB for fastening the neck to the video PCB.

1 11. The display apparatus according to claim 10, wherein the neck fixing holder comprises
2 a pair of ring holders into which the neck is inserted.

1 12. The display apparatus according to claim 11, further comprising connecting means for
2 connecting the ring holders to each other when the neck is inserted into the ring holders.